



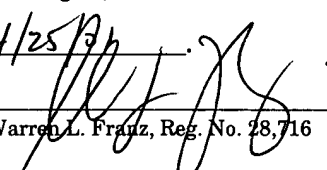
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#3

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**PATENT APPLICATION**

In re Application of:

Burshtein et al.	Docket: TI-29681A
Serial No.: 09/778,221	Art Unit: TBD
Filed: February 6, 2001	Examiner: TBD
For: <b>METHOD AND APPARATUS FOR ROBUST AND LOW-COMPLEXITY QAM MODULATION</b>	Date: April 24, 2001

Assistant Commissioner for Patents  
Washington, D.C. 20231

<p><b>CERTIFICATE OF MAILING 37 CFR §1.8(a)</b></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D. C. 20231 on</p> <p>4/25/01</p> <p></p> <p>Warren L. Franz, Reg. No. 28,716</p>
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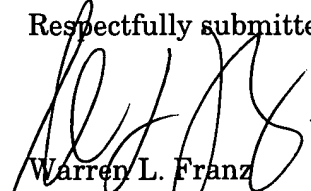
**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL  
APPLICATION - FILING DATE GRANTED**

Sir:

A copy of the Notice to File Missing Parts of Application - Filing Date Granted is enclosed along with an executed Declaration and Power of Attorney. Please charge the \$130 surcharge to the deposit account of Texas Instruments Incorporated, account no. 20-0668. Please charge any additional fees required or credit any overpayment to the same. A fee transmittal is enclosed.

Texas Instruments Incorporated  
P. O. Box 655474 M/S 3999  
Dallas, TX 75265  
(972) 917-5271

Respectfully submitted,

  
Warren L. Franz  
Reg. No. 28,716



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/778,221	02/06/2001	Doron Burshtein	TI-29681A

Texas Instruments Incorporated  
P.O. Box 655474 MS 3999  
Dallas, TX 75265



CONFIRMATION NO. 5734

## FORMALITIES LETTER



\*OC000000005961626\*

Date Mailed: 04/12/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/03/2001 HTECKLU1 00000033 200668 09778221

01 FC:105 130.00 CH

**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1

These are the fees effective October 1, 1997

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/04-22.

APR 30 2001

PATENT &amp; TRADEMARK

Complete If Known

Application Number **09/778,221**  
 Filing Date **02/06/01**  
 Examiner Name **Burshtein et al.**  
 Examiner Name **TBD**  
 Group / Art Unit **TBD**  
 Attorney Docket No. **TI-29681A**

TOTAL AMOUNT OF PAYMENT (\$)**130.00****METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge to the following Deposit Account,

Deposit Account Number

**20-0668**

Deposit Account Name

**Texas Instruments Incorporated**

- ☒ Charge any additional fee required or credit any overpayment ☐ Charge all indicated fees and any additional fee required or credit any overpayment

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	760	201	395	Utility filing fee	\$
106	330	206	165	Design filing fee	\$
107	540	207	270	Plant filing fee	\$
108	790	208	395	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
17	-20** = 0	\$18	\$0
7	-3** = 0	\$80	\$0
Multiple Dependent		\$260	\$0

\*\*or number previously paid, if greater; For Reissue, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	11	Claims in excess of 20
102	78	202	41	Independent Claims in excess of 3
104	270	204	135	Multiple dependent claims in excess of 3
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee	130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	200	Extension of time within second month	
117	870	217	475	Extension of time within third month	
118	1,360	218	755	Extension of time within fourth month	
128	1,850	228	1,030	Extension of time within fifth month	
119	300	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (time number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **\$130****SUBMITTED BY**

Typed or Printed Name

**Warren L. Franz**

Signature

Date  
4/25/01

Complete (if applicable)

Reg. Number

**28,716**

Deposit Account User ID